



Regulating in the Nuclear Renaissance



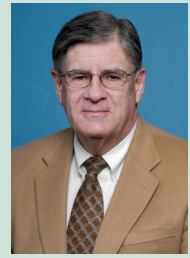
The 19th Annual Regulatory Information Conference
Preliminary Program
March 13–15, 2007
Bethesda North Marriott Hotel & Conference Center



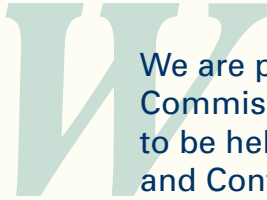
Welcome



Jim Dyer



Brian Sherron



We are pleased to invite you to attend the U.S. Nuclear Regulatory Commission's 19th Annual Regulatory Information Conference (RIC) to be held March 13–15, 2007 at the Marriott Bethesda North Hotel and Conference Center in Rockville, Maryland.

For almost two decades, the U.S. Nuclear Regulatory Commission's Office of Nuclear Reactor Regulation and recently the Office of Nuclear Regulatory Research have sponsored this conference bringing together over 2000 participants from more than 17 countries to provide a unique forum for government, industry, international agencies and other important stakeholders to meet and discuss safety initiatives and regulatory trends.

Challenging times are ahead for the industry and regulator. For the first time since the 1970's we are looking at unprecedented growth of electric generation from nuclear energy. Existing plant licenses are being renewed, plants are being upgraded, and new plant construction is being planned. This year's conference will include new sessions focused on New Reactors as well as, the latest in Reactor Research, Operating Reactor Issues, Safety, Communications, and Security.

As always, your participation plays an important role in making the RIC a success. Please make plans to attend this event for valuable information about nuclear regulation. We look forward to seeing you in March.

Sincerely,

A handwritten signature in black ink that reads "Jim Dyer".

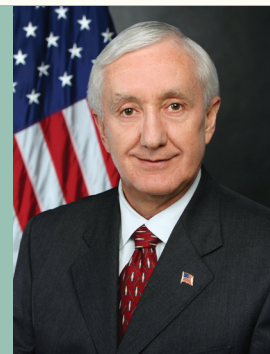
Jim Dyer, Director
Office of Nuclear Reactor Regulation

A handwritten signature in black ink that reads "Brian W. Sherron".

Brian W. Sherron, Director
Office of Nuclear Regulatory Research

Keynote Address: Chairman Dale E. Klein, Ph.D.

The annual RIC provides an open and inviting atmosphere that allows RIC participants to learn about changes, challenges, and valuable information about regulation of nuclear power plants and associated activities. This year, the U.S. NRC is proud to have Dr. Dale Klein as the keynote speaker. His talk will focus on ***Regulating in the Nuclear Renaissance***.



BIOGRAPHY

Dr. Dale Klein became Chairman of the Nuclear Regulatory Commission in July 2006, after his nomination by President George W. Bush and confirmation by the Senate.

As Chairman, Dr. Klein is the principal executive officer of and the official spokesman for the NRC. He is responsible for conducting the administrative, organizational, long-range planning, budgetary, and certain personnel functions of the agency. The Chairman has ultimate authority for all NRC functions pertaining to an emergency involving an NRC licensee.

Before his appointment, Dr. Klein was the Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense Programs. In this position, he served as the principal staff assistant and advisor to the Secretary of Defense, Deputy Secretary of Defense and the Under Secretary of Defense for Acquisition and Technology for all policy and planning matters related to nuclear weapons, and nuclear, chemical and biological defense.

Previously, Dr. Klein served as the Vice-Chancellor for Special Engineering Programs at the University of Texas System and as a professor in the Department of Mechanical Engineering (Nuclear Program) at the University of Texas at Austin. During his tenure at the university, Dr. Klein was Director of the Nuclear Engineering Teaching Laboratory; Deputy Director of the Center for Energy Studies;

and Associate Dean for Research and Administration in the College of Engineering. During his tenure, Dr. Klein received more than \$50 million in research funding, equipment and educational support. He was also an active member of several Department of Energy national committees, including the Nuclear Energy Research Advisory Committee, and the Chairman and Executive Director of the Amarillo National Research Center.

Honors and awards Dr. Klein has received include: Fellow of the American Society of Mechanical Engineers and the American Nuclear Society; the Joe J. King Professional Engineering Achievement Award; Engineer of the Year for the State of Texas; the University of Missouri Faculty-Alumni Award; and the University of Missouri Honor Award for Distinguished Service in Engineering.

A native of Missouri, Dr. Klein holds a bachelor's and master's degree in mechanical engineering and a doctorate in nuclear engineering, all from the University of Missouri-Columbia. He has published more than 100 technical papers and reports, and co-edited one book. He has made more than 300 presentations on energy and has written numerous technical editorials on energy issues that have been published in major newspapers throughout the United States.

Tape Closed Here

Fold On Line

PLACE
STAMP
HERE

RIC 2007 Registration
c/o Lanmark Technology, Inc.
10560 Main Street, Suite LL-10A
Fairfax, Virginia 22030

Tape Closed Here

Fold On Line

PLACE
STAMP
HERE

RIC 2007 Registration
c/o Lanmark Technology, Inc.
10560 Main Street, Suite LL-10A
Fairfax, Virginia 22030

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001
OFFICIAL BUSINESS



General Information

All U.S. NRC conference activities will be held at the Bethesda North Marriott Hotel & Conference Center, located just off Route 355 (Rockville Pike) at 5701 Marinelli Road, North Bethesda, Maryland 20852.

RIC Website

The RIC Website is intended to provide planning information and updates about the upcoming conference, as well as information on previous RIC events. Simply access the RIC Website on the internet at <http://www.nrc.gov/public-involve/conference-symposia/ric/> or by entering a keyword search: RIC from the main U.S. NRC website, www.nrc.gov.

Check the RIC webpage frequently as the detailed conference information will be posted as it becomes available. If you have any questions that require immediate attention, please contact the RIC Help Desk via email at RICHelpDesk@nrc.gov.

Registration

There is not a fee to attend the RIC. However, all participants must register to attend. Please use the secure on-line registration form to pre-register for the conference. It is quick, safe, and simple. Online pre-registration will open on December 15, 2006 at www.nrc.gov/public-involve/conference-symposia/ric/registration.html. If you prefer to fax or mail your registration form, please complete the attached form and send it to:

Lanmark Technology (LMT), Inc.
2007 RIC Registration Services
10560 Main Street, Suite LL-10A
Fairfax, Virginia 22030
Phone: (703) 218-9870
Facsimile: (703) 218-9871
www.LMT-INC.com

Online pre-registration will close on March 2, 2007. Please plan accordingly. After this date, on-site, walk-in registration services will be available at the Marriott Conference Center. The registration service desk will be located on the main level of the hotel, and its schedule of operations will be as follows:

On-site registration hours:

Tuesday, March 13, 2007	7:00 am–5:00 pm
Wednesday, March 14, 2007	7:00 am–5:00 pm
Thursday, March 15, 2007	7:00 am–1:00 pm

IMPORTANT NOTICE

For security reasons, all attendees must register and wear their badge at all times during the conference. Please be sure to bring a photo identification during registration check-in.

U.S. NRC Operations Center Tours

U.S. NRC will continue the tradition of hosting daily tours of the Operations Center for 2007 RIC participants. Tours will be offered March 13–15, 2007. Please visit the RIC Website for tour hours. A shuttle service will be available from the Marriott Conference Center to U.S. NRC Headquarters, Two White Flint North (TWFN), 11545 Rockville Pike, diagonally located from the Conference Center. Please check with the Registration Service Desk to confirm shuttle service location and departure times. Participants may register at www.nrc.gov, keyword: RIC. For questions call Janelle Jessie at (301) 415-6775 or Sally Billings at (301) 415-6412. Space is limited, so please sign up early!

NEI Luncheon

There are other outside events that are held during the week of the RIC, but are not sponsored or endorsed by the U.S. NRC. Most events are by invitation only and attendance arrangements must be made directly with the hosting organization. Please visit the Additional Events Listing link to purchase a ticket for the NEI Luncheon. The NEI Luncheon will require a fee of \$55.00 per person.

2007 RIC Paperless Event

We are working to make the 2007 RIC an almost paperless event, utilizing email and the Internet to provide attendees with current program information in a convenient, portable format. A paperless format gives attendees access to the latest information, whether in the office or on travel, and eliminates the need to transport bulky meeting binders or materials. A paperless format also allows RIC attendees to review the material prior to the conference. Participants for this program will have access to .pdf and MS Word documents that can be downloaded from the U.S. NRC RIC Website prior to the conference. This format allows us to provide you with up-to-the-minute program information and additional resources as they become available. Please note that hard copies of the slides will not be provided on-site, so please bring printed copies if you wish to use them for taking notes.



Hotel Information

The U.S. NRC's 19th Annual Regulatory Information Conference (RIC) will be held at the Bethesda North Marriott Hotel & Conference Center in Rockville, Maryland. The hotel and conference center is a triple A, 3 Diamond facility adjacent to the White Flint Metro Station and diagonally located from U.S. NRC Headquarters. Nearby international airports include Baltimore-Washington International (BWI), Washington Dulles (IAD), and Reagan National (DCA).

Hotel Room Reservations

U.S. NRC has reserved a limited number of sleeping rooms at the following rates for your convenience. Designed for business travelers, each guest room is equipped with high-speed Internet access; individual climate control; two telephones with message notification, modem lines, and voice mail; Color TV with cable movie channels and in-room pay movies; an alarm clock radio; hair dryer; iron and ironing board; safe-deposit boxes; in-room coffee and tea; and complimentary in-room newspaper delivery.

Room Type Occupancy

Single or Double
Triple or Quad
Suites

Per Night Room Rate

\$150.00 USD + tax
\$150.00 USD + tax
Contact hotel for pricing

To make reservations at the Bethesda North Marriott Hotel & Conference Center, call (301) 822-9200 and use the conference identifier "**RICRICA**." Reservations can also be made online at www.marriott.com, Group Code RICRICA. The hotel reservation cut-off date is March 14, 2007. The room rates listed above may not be available after the cut-off date, and the discounted room block will sell out quickly, so please make your reservations early.

Daily Parking

The Hotel and Conference Center offers daily parking at a rate of \$2.00 per hour or \$6.00 per day for RIC participants. The parking lot entrance is on the lower level of the Conference Center. For additional transportation information, please visit the RIC Website at www.nrc.gov, keyword search: RIC.



HOW TO REGISTER

There are four registration options:

- **ONLINE** at www.nrc.gov, keyword: RIC. Online registration will close on March 2, 2007.
- **MAIL** the pre-addressed registration form in this invitation to Lanmark Technology (LMT), 10560 Main Street, Suite LL-10A, Fairfax, Virginia 22030.
- **FAX** the registration form to LMT at (703) 218-9871.
- **ON-SITE** at the conference.

We recommend that you register today to avoid standing in long registration lines at the conference!

*Remember: when you register, you can elect to have your name and address included on the Online Registrant List.

Registration Fee

There is no conference fee, but you are required to register and wear your conference name badge at all times when attending the conference.



Hotel Contact Information:

Bethesda North Marriott Hotel & Conference Center

5701 Marinelli Road
North Bethesda, Maryland 20852
Tel: (301) 822-9200
Fax: (301) 822-9201
www.marriott.com

Nearby Alternate Hotels

There are a number of hotels within a 10 mile radius of the Bethesda North Marriott Hotel & Conference Center. Nearby hotels, not endorsed by the U.S. NRC, include but are not limited to:

Bethesda Marriott Suites

6711 Democracy Blvd.
Bethesda, MD 20817
Tel: (301) 897-5600
Fax: (301) 530-1427
www.marriott.com

Bethesda Marriott

5151 Pooks Hill Road
Bethesda, MD 20814
Tel: (301) 897-9400
Fax: (301) 897-0192
www.marriott.com

Double Tree Hotel & Executive Meeting Center

1750 Rockville Pike
Bethesda, MD 20852
Tel: (301) 468-1100
Fax (301) 468-0308
www.doubletree.com

Hilton Washington

8727 Colesville Road
Silver Spring, MD 20910
Tel: (301) 589-5200
Fax (301) 588-1841
www.hilton.com

Sheraton Rockville Hotel

920 King Farm Boulevard
Rockville, MD 20850
Tel: (240) 912-8200
Fax: (240) 912-8205
www.sheraton.com

Internet Café and Business Center

An internet café and business center will be available during conference hours for RIC participant use. The Conference Center also offers wireless internet service for a daily charge of \$9.99 + tax. Wireless internet service for individual laptops must be purchased through the hotel's concierge desk and will be directly billed to the user. For added RIC participant convenience, U.S. NRC will also set up a limited number of self-service print stations with internet access for on-site printing purposes. Please remember that workstations are limited, so attendees should bring pre-printed materials to the conference whenever possible.

Security Information

For security and safety reasons, all RIC participants are required to present a form of photo identification during registration, and visibly display their RIC name badge throughout the duration of the event. Additionally, RIC participants will not be permitted to carry any luggage or excess baggage into the conference area. Luggage should be left either in your room, car, or with the hotel bell stand. Do not leave any briefcases or personal belongings unattended. U.S. NRC and Conference Center security personnel will actively patrol the conference space to ensure security guidelines are met. If you witness any suspicious activity, please immediately report it to the Hotel Concierge or to the RIC Registration Service Desk.

Special Needs

The U.S. NRC and the Bethesda North Marriott Hotel & Conference Center are committed to ensuring that your RIC experience is as positive as possible. The facility is handicap accessible and fully equipped to meet participant needs. Should you require any type of special accommodation, please contact the U.S. NRC RIC Help Desk via email at RICHelpDesk@nrc.gov or the Conference Center directly at (301) 822-9200 to make appropriate arrangements.

Dress

There is not a specific dress code for the RIC, however, most attendees wear a suit and tie or business attire. Business casual attire is also acceptable.

Weather

Average highs and lows in the D.C. Metropolitan area are 58°F (14.4°C) and 33°F (0.6°C) degrees, respectively. Average precipitation in March is about 4.13 inches (10.49 cm). Though generally cold, please be aware that the weather conditions in the D.C. Metropolitan area can fluctuate drastically in the spring time, and prepare for both warm and cold temperatures. For current weather conditions, please visit the National Weather Service.

Preliminary 2007 RIC Program



All session titles and times are tentative and subject to change. Please check the RIC website for the most up-to-date conference information.

Tuesday—March 13, 2007

9:00 am–10:00 am	Opening Session
10:00 am–11:00 am	Keynote Address
12:30 pm–1:30 pm	Commissioner Plenary
1:30 pm–3:00 pm	Fire Protection New Reactor Applications: Status and Plans Thermal Hydraulics PRA Models, Methods & Tools Emergency Preparedness
3:00 pm–4:00 pm	Commissioner Plenary
4:00 pm–5:30 pm	Nuclear Sector Challenges Generic Safety Issue (GSI) 191 New Reactor Rule Making Fire Research—Integrating Research Into Practical Applications Risk-Informed Regulatory Activities Nuclear Security

Wednesday—March 14, 2007

8:30 am–9:30 am	Commissioner Plenary
10:00 am–11:30 am	New Reactor Guidance for Applications and Reviews International Operating Experience NRC TRACE Code Activities High Level Waste Contaminated Groundwater/ Lessons Learned Task Force Acceptance Criteria - 10CFR50.46
11:45 am–12:45 pm	Commissioner Plenary
1:00 pm–2:30 pm	NEI Luncheon (\$55)
2:30 pm–4:00 pm	Construction Inspection Program Biosphere Code Dose Assessments Spent Fuel Storage & Transportation Rulemaking Reactor Inspection and Assessment Safety Margin Work
4:30 pm–5:30 pm	Special Session: Multinational Design Evaluation Program (MDEP) Update

Thursday—March 15, 2007

8:00 am–9:30 am	Severe Accident/Source Term International Cooperation on New Reactors GNEP and Fuel Cycle PRA Techniques for the Evaluation of Reactor Operating Experience Emerging Issues: Electrical Preparedness for Pandemic Avian Influenza
10:00 am–11:30 am	Operating Reactor Licensing Advanced Reactor Concepts Consequence Analysis Incident Response Environmental Reviews for New Reactors Emerging Issues: Mechanical
1:00 pm–2:30 pm	Region I Region II Region III Region IV
2:30 pm–3:30 pm	Closing Session & Regional Wrap-Up

2007 Registration Form



NOTE: Please be sure to enter the information below carefully as it will be used to generate your conference name badge. Your registrant address information will be maintained in a database and used to contact you about conference information and future RIC matters. Remember, you will need to contact the hotel directly for room reservations. For more information about RIC 2007, please refer to the conference invitation or visit the RIC web site at: <http://www.nrc.gov/public-involve/conference-symposia/ric/>.

first name	last name	title	
badge name (provide your name exactly as you wish it to appear on your name badge)			
organization, if applicable	organization acronym (if any)		
business telephone number	business e-mail		
business address: street number and name			
city	state/province	zip+4	country

ONLINE REGISTRANT LIST OPTION

We will publish a registrant list on the RIC web site. You have the option to include your name and contact information (listed above) on this list. However, we must have your permission to do so. If you wish to give permission, please check the box below and sign in the space provided. **Please note that the signature must be that of the person attending the conference.** Authorizations which do not have both a checked box and a signature will be disregarded.

☐ Yes, I give my permission to add my information to the RIC 2007 Online Registrant List.

Your Signature

AFFILIATION

UNITED STATES:

- ☐ Employee—U.S. NRC
- ☐ Employee—Other US Federal Agency (DOE, EPA, etc.)
- ☐ Employee—US State/Local Government
- ☐ Consultant/Contractor—US Federal, State, Local Gov't Agency
- ☐ US Nuclear Power Plant/Utility
- ☐ US Architect/Engineer Firm
- ☐ US Industry Association (NEI, EPRI, etc.)
- ☐ US Industry Vendor
- ☐ US Nuclear Industry Consultant/Contractor
- ☐ US News Media
- ☐ US Public Interest Group (Public Citizen, etc.)
- ☐ US Insurer
- ☐ US Law Firm
- ☐ US Educational Institution
- ☐ US Member of the Public
- ☐ US Other (fill in) _____

INTERNATIONAL:

- ☐ Government
- ☐ Commercial Firm
- ☐ Other _____

U.S. NRC OPERATIONS CENTER TOURS

The U.S. NRC will be offering Headquarters Operations Center Tours March 13–15, 2007. If you are interested in attending this tour, please sign up for your preferred tour time below. Space is limited so please sign up today.

TUESDAY, MARCH 13, 2007

- ☐ 11:00 am–12:15 pm
- ☐ 4:15 pm–5:30 pm

WEDNESDAY, MARCH 14, 2007

- ☐ 9:45 am–11:00 am
- ☐ 1:30 pm–2:45 pm
- ☐ 2:15 pm–3:30 pm
- ☐ 3:00 pm–4:15 pm
- ☐ 3:45 pm–5:00 pm

THURSDAY, MARCH 15, 2007

- ☐ 7:30 am–8:45 am
- ☐ 8:15 am–9:30 am
- ☐ 3:45 pm–5:00 pm

For additional questions, please contact Janelle Jessie at (301) 415-6775 or Sally Billings at (301) 415-6412.

2007 Registration Form (For additional participant)



NOTE: Please be sure to enter the information below carefully as it will be used to generate your conference name badge. Your registrant address information will be maintained in a database and used to contact you about conference information and future RIC matters. Remember, you will need to contact the hotel directly for room reservations. For more information about RIC 2007, please refer to the conference invitation or visit the RIC web site at:
<http://www.nrc.gov/public-involve/conference-symposia/ric/>.

first name	last name	title	
badge name (provide your name exactly as you wish it to appear on your name badge)			
organization, if applicable	organization acronym (if any)		
business telephone number	business e-mail		
business address: street number and name			
city	state/province	zip+4	country

ONLINE REGISTRANT LIST OPTION

We will publish a registrant list on the RIC web site. You have the option to include your name and contact information (listed above) on this list. However, we must have your permission to do so. If you wish to give permission, please check the box below and sign in the space provided. **Please note that the signature must be that of the person attending the conference.** Authorizations which do not have both a checked box and a signature will be disregarded.

☐ Yes, I give my permission to add my information to the RIC 2007 Online Registrant List.

Your Signature

AFFILIATION

UNITED STATES:

- ☐ Employee—U.S. NRC
- ☐ Employee—Other US Federal Agency (DOE, EPA, etc.)
- ☐ Employee—US State/Local Government
- ☐ Consultant/Contractor—US Federal, State, Local Gov't Agency
- ☐ US Nuclear Power Plant/Utility
- ☐ US Architect/Engineer Firm
- ☐ US Industry Association (NEI, EPRI, etc.)
- ☐ US Industry Vendor
- ☐ US Nuclear Industry Consultant/Contractor
- ☐ US News Media
- ☐ US Public Interest Group (Public Citizen, etc.)
- ☐ US Insurer
- ☐ US Law Firm
- ☐ US Educational Institution
- ☐ US Member of the Public
- ☐ US Other (fill in) _____

INTERNATIONAL:

- ☐ Government
- ☐ Commercial Firm
- ☐ Other _____

U.S. NRC OPERATIONS CENTER TOURS

The U.S. NRC will be offering Headquarters Operations Center Tours March 13–15, 2007. If you are interested in attending this tour, please sign up for your preferred tour time below. Space is limited so please sign up today.

TUESDAY, MARCH 13, 2007

- ☐ 11:00 am–12:15 pm
- ☐ 4:15 pm–5:30 pm

WEDNESDAY, MARCH 14, 2007

- ☐ 9:45 am–11:00 am
- ☐ 1:30 pm–2:45 pm
- ☐ 2:15 pm–3:30 pm
- ☐ 3:00 pm–4:15 pm
- ☐ 3:45 pm–5:00 pm

THURSDAY, MARCH 15, 2007

- ☐ 7:30 am–8:45 am
- ☐ 8:15 am–9:30 am
- ☐ 3:45 pm–5:00 pm

For additional questions, please contact Janelle Jessie at (301) 415-6775 or Sally Billings at (301) 415-6412.